RECOMMENDED VALUES FOR BRITHOLITE ORE

OKA-2

Final Report by

BARRINGER MAGENTA LIMITED
Rexdale, Ontario

Work on the project was conducted under the auspices of the Canada Centre for Mineral and Energy Technology, Energy, Mines and Resources Canada.

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CANMET SCIENTIFIC AUTHORITY: C.W. Smith

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MICROMEDIA

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Re: Analytical Procedure Used for Sample #OKA-2

Digestion: 0.25 g sample was weighed and digested with 4 ml concentrated HNO_3, 2 ml concentrated $HClO_4$ and 8 ml HF. The residue after digestion was dissolved in 0.5 M HCl and the solution was diluted to 25 ml.

This was repeated five times using five aliquots of samples.

The solution obtained was analyzed by Inductively Coupled Plasma for Th. An aliquot of each solution was also used for the determination of U by fluorescence.

The following are results obtained.

	Sample #	U ppm	Th ppm
	OKA-2	185	32200
	OKA-2	195	28200
	OKA-2	185	29800
	OKA-2	175	29600
	OKA-2	175	31300
Standard	SY-2	290	335
	SY-3	680	1220
	BL-1	220	24
	DL-1	39	86